

ELECTRONIC TUBE REFERENCE

6V5P

Power - Tetrode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
TETRODE-TETRODE

Russian dual-tetrode tube containing two physical tetrode sections. Manufacturer documentation establishes the paired construction and published electrical ratings for the complete device.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	6.3 V / 1.8 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
MAXIMUM PLATE DISSIPATION	18 W
Filename-matched Russian source entry only.	

SECTION2 Tetrode	
MAXIMUM PLATE DISSIPATION	18 W
Second identical physical section; added to align physical rows with SectionCount.	

Russian dual-tetrode vacuum tube. Technical characteristics and ratings are taken from the complete filename-matched source entry.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1981 Russian Tubes Katsnelson and Larionov

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1981 RUSSIAN TUBES KATSNELSON AND LARIONOV

Section 1 · Tetrode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater current	-0.3 mA	Translated from Russian source; Ток накала . й (1,8=-0,3) A
Plate current	-15 mA	Translated from Russian source; Ток анода каъдного тетрода НЕИ (40=-15) mA
Screen current	2 mA	Translated from Russian source; Ток 2-й сетки x14 mA
Transconductance	13 mA/V	Translated from Russian source; Крутизна характеристикикаждого тетрода (при 13—
Output capacitance	15 pF	Translated from Russian source; Выходная мощность *, ож , , — 2>15 Вт
Amplification factor	8	Translated from Russian source; Коэффициент усиления каждого тетрода г .. , 8
Input capacitance	0.7 pF	Translated from Russian source; входная . , Вн, (6,9=0,7) пФ
Output capacitance	0.6 pF	Translated from Russian source; выходная , (3,1=0,6) пФ
Transfer capacitance	0.035 pF	Translated from Russian source; проходная , <0,035 пФ

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Service life	500 h	Translated from Russian source; Нарботка . , ...к. 2>500 ч
Heater voltage	1.76 V	Translated from Russian source; Напряжение накала , 1,44—1,76
Plate voltage	600 V	Translated from Russian source; Напряжение анода , 600 В

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate dissipation	18 W	Translated from Russian source; Мощность, рассеиваемая анодом каждого тетрода , 18 Вт

TUBE TINKER

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